## DECLARATION AND POWER ATTORNEY FOR PATENT APPLIES TION

As a below named inventor, I hereby declare that:

Ξ

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

ARRANGEMENTS AND METHODS FOR LATENCY-SENSITIVE HASHING FOR COLLABORATIVE WEB CACHING

the specificat	tion of which	(check one)	•
X is attached	l hereto.		
was filed on	·	as International Business M	achines Docket No. Y0999-594
ket PCT Internati	onal Application	n Number	
and was amended o	on	(if applicable)	
I hereby state specification	e that I have , including t	reviewed and understand the he claims, as amended by any	contents of the above identified amendment referred to above.
I acknowledge this applicat:	the duty to	disclose information which is ance with Title 37, Code of E	material to the patentability of Federal Regulations, Section 1.56.
or \$365(b) of of any PCT Int United States, foreign applic	any foreign ternational a , listed belo cation for pa	application(s) for patent or application which designated as we and have also identified bettent or inventor's certificate	5, United States Code, §119(a)-(d) inventor's certificate, or §365(a) at least one country other than the elow, by checking the box, any ce, or PCT International oplication on which priority is
Prior Foreign App	olication(s)		Priority Claimed
(Number)	(Country)	(Day/Month/Year Filed)	Yes No
(Number)	(Country)	(Day/Month/Year Filed)	YesNo
(Number)	(country)	(Day/Month/lear Filed)	
(Number)	(Country)	(Day/Month/Year Filed)	Yes No
I hereby claim th	ae benefit under	35 U.S.C. \$119(e) of any United Sta	tes provisional application(s) listed below
(Application Number)		(Filing Date)	
(Application Number)		(Filing Date)	

## DELARATION AND POWER OF AT TIMEY FOR PATENT APPLICATION

I hereby claim the benefit under 35 U.S.C. §120 of any United States Application(s), or §365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States, or PCT International application in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose information material to the patentability of this application as defined in 37 CFR §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

	(Application Serial No.) (Filing Date) (S	status) (pat	ented, pendin	g, abandoned)
	(Application Serial No.) (Filing Date) (S	Status) (pat	ented, pendin	g, abandoned)
	I hereby declare that all statements made herein of my of statements made on information and belief are believed to statements were made with the knowledge that willful fall are punishable by fine or imprisonment, or both, under Sunited States Code and that willful false statements may application or any patent issued thereon.	to be true Lse statem Section 10	e; and furt ments and t 001 of Titl	her that these he like so made e 18 of the
=	POWER OF ATTORNEY: As a named inventor I hereby appoint agent(s) to prosecute this application and transact all Trademark Office connected therewith (list name and regions)	business	in the Pat	rney(s) and/or ent and
Paris Harrier	Manny W. Schecter (Reg. 31,722), Terry J. Ilardi (Reg. 2 (Reg. 26,914), Edward A. Pennington (Reg. 32,588), John Redmond, Jr. (Reg. 18,753), Douglas W. Cameron (Reg. 31,29,551), Jay P. Sbrollini (Reg. 36,266), Wayne L. Ellent Trepp (Reg. 25,933), Louis P. Herzberg (Reg. 41,500), Louis Paul J. Otterstedt (Reg. 37,411), Daniel P. Morris (Reg. 39,835)	E. Hoel ( ,596), Ste pogen (Reg puis J. Pe	Reg. 26,27 ephen C. Ka g. No. 43,6 ercello (Re	9), Joseph C. ufman (Reg. 02), Robert M. g. 33,206),
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## AND PARENT ADDITION TO



## DELARATION AND POWER OF ATTEMPT FOR PATENT APPLICATION

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